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**GUIDED MISSILE AND ASTRONAUTICS INTELLIGENCE COMMITTEE**

25X1A

4 August 1959

**MEMORANDUM FOR: Chairman, United States Intelligence Board**

**SUBJECT : Annual Report to the NSC on the Status of the Foreign Intelligence Program (U)**

**REFERENCE : USIB-D-3.2/1, Dated 16 July 1959, SECRET**

1. The following is suggested as material for inclusion in the Annual Report to the NSC on the Status of the Foreign Intelligence Program:

**Guided Missile and Astronautics**

a. Although our general knowledge of the Soviet missile and space programs has increased somewhat during the past year, critical gaps still exist in most areas; this is so despite extensive and costly collection and analysis efforts. Our best intelligence concerns research and development, especially on ballistic missiles; the most serious lack of information is that needed for estimates on Soviet plans, deployments, or locations of operational sites. Our national estimate on their missile programs continue to be made without sufficient factual data.

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b. With regard to the intelligence available on the various Soviet missiles:

(1) Surface-to-Surface Missiles (SSMs) - Two SSMs were displayed in the Moscow Parade in November 1957 and there have been possible sightings in East Germany since that time. These are the only physical sightings of Soviet SSMs to date. We have good information on the testing of ballistic missiles, but have photographs of only two of the missiles considered operational. No operational units or sites have been identified. Although we know of certain production facilities, we have no evidence on actual production rates or numbers of missiles available.

Special emphasis has been placed on determining the status and characteristics of the ICBM system and the very critical question of where operational sites are being or will be constructed.

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[redacted] we have been  
unable to determine with confidence the date of the IOC  
and the actual capabilities of the missile itself, including  
CEP and the yield of the warhead.

(2) Surface-to-Air Missiles (SAMs) - One SAM was  
displayed in the Moscow Parade in 1957

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[redacted]

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We have  
some evidence on sites near other cities. We have no  
information as to the scope of the deployment program,  
nor concerning future developments.

(3) Air-to-Surface Missiles (ASMs)

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[redacted]  
[redacted] have provided good  
information on a cruise type anti-ship missile, including  
its probable deployment. We have no firm information  
concerning the operational capabilities of a subsequent ASM  
estimated to be under development. Again, we have no

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intelligence on the numbers in stockpile being produced or assigned to operational units.

(4) Air-to-Air Missiles (AAMs) - Our technical data on AAMs are incomplete and old. This is to be expected as the Soviets need not reveal them to the extent required for larger missiles. We have little or no intelligence on performance, stockpiles, or production and our hopes for obtaining these data are quite low.

(5) Naval Missiles - There are continuing reports of "W" class submarines with capsules and launchers installed. Sightings and photography of "Z" class submarines has led GMAIC to estimate there is a distinct possibility these submarines are equipped with 200 n.m. ballistic missiles. There is little evidence that the Soviets are developing an advanced submarine missile system, and none concerning an associated missile. The GMAIC estimate of a 1000 nautical mile missile for this system in 1961-63 is based on an

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**estimated Soviet requirement for such a weapon.**

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(6) Space - We have good information concerning some details of past Soviet space ventures, including satellites, lunar probes, and vertically fired probes. We expect to be able to get similar information on future ventures. We have considerable information on which to base an estimate on their general future capabilities, which we believe are extensive. However, their specific intent or plans, especially short term, are not discernable.

2. In summary, Soviet security continues to defy our concerted and costly attempts to obtain essential data on the missiles and space programs

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included in our forthcoming national estimate (NIE 11-5-59). We have reasonably good information on many missile research and development programs, but generally only sketchy or unreliable information on critical operational capabilities and deployments, production and training.



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**Chairman**

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